| Index of Claims |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |

Application/Control No.

09/872,589 Examiner Reexamination
SUBRAMANIAN ET AL.

Applicant(s)/Patent under

Art Unit

Kyle R. Stork

2178

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla         | im             | Date                |  |  |  |  |  | $\neg$       |  |  |
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|             |                |                     |  |  |  |  |  |              | $\Box$   |  |
| Final       | Original       |                     |  |  |  |  |  |              |  |  |
|             | 1              | 1                   |  |  |  |  |  |              |  |  |
|             | 2              | 1                   | -  |  |  |  |  |              |  |  |
|             | 3              | 1                   |  |  |  |  |  |              |  |  |
|             | 4              | 1                   |  |  |  |  |  |              |  |  |
|             | 4<br>5         | 1                   |  |  |  |  |  |              |  |  |
|             | 6              | 1                   |  |  |  |  |  |              |  |  |
|             | 7              | ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ |  |  |  |  |  |              |  |  |
|             | 8              | 7                   |  |  |  |  |  |              |  |  |
|             | 9              | 1                   |  |  |  |  |  |              |  | П  |
|             | 10             | 1                   |  |  | _  |  |  |              |  |  |
|             | 11             | 1                   |  |  |  |  |  |              |  |  |
| -           | 12             | 1                   |  |  |  |  |  |              |  |  |
|             | 13             | 7                   |  |  |  |  |  |              |  |  |
|             | 12<br>13<br>14 | 1                   |  | _  |  |  |  |              |  | -  |
|             | 15<br>16       | 777                 |  | $\vdash$   |  |  |  |              |  |  |
|             | 16             | 7                   | $\vdash$   |  |  |  |  |              |  | П  |
|             | 17             | 7                   |  | П  |  |  |  | $\vdash$     | _  |  |
|             | 18             | 777                 | _  |  |  |  |  |              | _  |  |
|             | 18<br>19       | 1                   |  |  |  |  |  |              | _  |  |
|             | 20             |                     |  |  |  |  |  |              | $\vdash$   |  |
|             | 21             | 7                   |  |  | H  |  | _  |              | -  |  |
| _           | 21<br>22       | V                   | -  | -  | Н  |  | Н  | -            | $\vdash$   |  |
|             | 23             | √                   | $\vdash$   | -  | $\vdash$   |  | $\vdash$   |              | ┢  |  |
|             | 23<br>24       | 1                   | $\vdash$   | $\vdash$   | $\vdash$   |  |  |              | $\vdash$   |  |
|             | 25             | 1                   | $\vdash$   | <u> </u>   | $\vdash$   |  |  |              | _  | ┢  |
|             | 26             |                     |  |  | <del> </del>                                     | _  |  |              | ┢  | ┢  |
|             | 26<br>27       | 1                   | _  | _  | <del>                                     </del> |  |  |              | _  |  |
|             | 28             | 1                   |  | _  | $\vdash$   |  |  |              | _  | H  |
| $\vdash$    | 29             | V                   | _  | <del>                                     </del> | $\vdash$   |  |  | $\vdash$     | -  | ┢  |
|             | 30             | V                   | $\vdash$   | ┰  |  |  |  | <u> </u>     | ┢  | <del>                                     </del> |
| -           | 31             | 1                   | -  | ┰  | $\vdash$   |  | $\vdash$   | -            | <del> </del>                                     | ┢  |
| $\vdash$    | 32             | V                   | -  | $\vdash$   | $\vdash$   |  | $\vdash$   | ┢            | $\vdash$   | ┢  |
| -           | 33             | Ì                   | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$   | ┢            | _  | $\vdash$   |
|             | 34             | V                   | _  | $\vdash$   | _  | $\vdash$   |  | $\vdash$     | -  | Н  |
|             | 35             | 1                   |  | -  | -  |  |  |              |  | ┢  |
|             | 36             | V                   |  | $\vdash$   | -  | _  | -  | _            | $\vdash$   | $\vdash$   |
|             | 37             | V                   |  | $\vdash$   | $\vdash$   | ┢  | ┢  | -            | $\vdash$   | $\vdash$   |
| <b>-</b>    | 38             | V                   | -  | _  | ┝  | $\vdash$   | ┢╌   | $\vdash$     | $\vdash$   | $\vdash$   |
|             | 39             | V                   | 1  | $\vdash$   | H  | $\vdash$   | $\vdash$   |              | $\vdash$   | ┢  |
|             | 40             | 1                   | H  | <u> </u>   | H  | $\vdash$   | Н  | $\vdash$     | $\vdash$   | $\vdash$   |
| _           | 41             | V                   | <del>                                     </del> | 1  | <del>                                     </del> | _  | $\vdash$   |              |  | $\vdash$   |
|             | 42             | V                   |  |  | Т  | T  | T  | $\vdash$     |  | $\vdash$   |
| <b>—</b> —  | 43             | V                   | _  | $\vdash$   | <del>  -</del>                                   | $\vdash$   | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$   |
|             | 44             | V                   |  |  | <u> </u>   | <del>                                     </del> | $\vdash$   | ╁            |  | $\vdash$   |
|             | 45             | Ì                   |  | 1  |  |  |  | $\vdash$     |  | $\vdash$   |
| <b> </b>    | 46             | V                   | $\vdash$   | Н  | <del>                                     </del> |  | t  | Н            | -  | $\vdash$   |
| <del></del> | 47             | V                   | 1  | 1  | 1  | <del>                                     </del> | <del>                                     </del> | $t^-$        | ✝  | $\vdash$   |
| <u> </u>    | 48             | 1                   | 1-   | 1  | <del>                                     </del> | <del> </del>                                     | ┢  | <del> </del> | <del>                                     </del> | <del>                                     </del> |
|             | 49             | V                   | 1  | T  |  | _  | <del>                                     </del> | $\vdash$     | -  | <del>                                     </del> |
| $\vdash$    | 50             | V                   |  | t  |  |  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |
|             | 1 30           |                     | 1  | 1  | 1  |  | L  |              |  | 1  |

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|--------------|----------|----------------|-------------------|----------|----------|----------------|-------------------------------------|----------|-------------|----------|
|              |          |                |                   |          |          | $\neg$         | $\Box$                              |          |             |          |
| Final        | Original |                |                   |          |          |                |                                     |          |             |          |
|              | 51       | 1              |                   |          |          |                | $\neg$                              | ヿ        |             |          |
|              | 51<br>52 | <b>√</b>       |                   |          | $\neg$   | $\neg$         | ヿ                                   | ヿ        | $\neg$      |          |
|              | 53 l     | √              |                   |          |          |                |                                     | 一        | $\neg \neg$ |          |
|              | 54       | 1              |                   | $\Box$   |          |                | $\neg$                              |          |             |          |
|              | 54<br>55 | 1              |                   |          |          |                |                                     |          |             |          |
|              | 56       | 1              |                   |          |          |                |                                     | Ī        |             |          |
|              | 57<br>58 | ~~~~~~~        |                   |          |          |                |                                     |          |             |          |
|              | 58       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 59       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 60       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 61       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 62       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 63       | 1              |                   |          |          |                |                                     |          |             | _        |
|              | 64       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 65       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 66       | √.             |                   |          |          |                |                                     |          |             | _        |
|              | 67       | √.             |                   |          |          |                |                                     | _        | Ш           | _        |
|              | 68       | 1              |                   |          |          |                |                                     |          |             | _        |
|              | 69       | ٧.             |                   |          |          |                |                                     | _        |             |          |
|              | 70       | ٧.             |                   |          |          |                |                                     |          |             |          |
|              | 71<br>72 | 7 7 7 7        |                   |          |          |                |                                     |          | Ш           |          |
|              | 72       | 7              |                   |          |          |                |                                     |          | -           |          |
|              | 73       | <b>√</b>       |                   |          |          |                | _                                   |          | -           |          |
|              | 74<br>75 | <u> </u>       | _                 | -        | <u> </u> |                | -                                   |          | -           | -        |
|              | 76       | -V             |                   | _        | _        |                |                                     | _        | $\perp$     | _        |
|              | 76<br>77 | 7              |                   | $\vdash$ | _        |                |                                     | _        | $\vdash$    |          |
|              | 78       | 7              | _                 | $\vdash$ |          |                | $\vdash$                            |          |             | _        |
|              | 79       | 7              | _                 |          |          |                | $\vdash$                            | -        |             |          |
| -            | 80       | 7              | _                 |          |          |                | _                                   |          |             |          |
|              | 81       | i              |                   | H        |          |                |                                     |          | _           |          |
|              | 82       | 7              |                   | $\vdash$ | Н        |                |                                     |          |             |          |
|              | 83       | Ī              |                   |          |          |                |                                     |          | $\vdash$    |          |
|              | 84       | 7              | $\vdash$          | Г        | Т        | $\overline{}$  | П                                   |          |             |          |
|              | 85       | 1              | Г                 | Г        | Г        |                |                                     |          |             |          |
|              | 86       | 1              | Г                 |          | Г        |                |                                     |          |             |          |
|              | 87       | ٧              |                   |          |          |                |                                     |          |             |          |
|              | 88       | 1              |                   |          |          |                |                                     |          |             |          |
|              | 89       | ファファファファファファファ |                   |          |          |                |                                     |          |             |          |
|              | 90       | _              |                   |          |          |                | L                                   |          | L           | _        |
| <u> </u>     | 91       | 7              | $ldsymbol{f eta}$ | <u> </u> | <u> </u> | <u> </u>       | L                                   | Ш        | L           | L        |
|              | .92      | <u> </u>       | <u> </u>          | <u> </u> | <u> </u> | <u> </u>       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_       | <u> </u>    | _        |
|              | 93       | Γ_             | <u> </u>          | Ь_       | <u> </u> | <u> </u>       | <u> </u>                            |          | <u> </u>    | <u> </u> |
| ļ            | -94-     | 二              | <u> </u>          | _        | <u> </u> | _              | Щ                                   |          | <u> </u>    | <u> </u> |
|              | 95       | L.             | <u> </u>          | <u> </u> | <u> </u> | <u> </u>       |                                     |          | <u> </u>    | _        |
| ļ            | 96       | _              | _                 | <u> </u> | <u> </u> | <u> </u>       | _                                   | <u> </u> | <u> </u>    | _        |
|              | 97       | <u> </u>       | <u> </u>          | <u> </u> | -        | <del>  -</del> |                                     | <u> </u> | $\vdash$    | $\vdash$ |
| <del> </del> | 98       | $\vdash$       | ₩                 |          | ├—       | -              | $\vdash$                            | <u> </u> | $\vdash$    | $\vdash$ |
| <u> </u>     | 99       | <u> </u>       | Ь                 | <u> </u> | <b> </b> | <u> </u>       | <u> </u>                            | <u> </u> | <u> </u>    | <u> </u> |

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| Claim  |                                 | Date   |  |  |  |  |  |  |  |          |
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|  |                                 |  |  |  |  |  |  |  |  |          |
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| Final  | Original                        |  |  |  |  |  |  |  |  |          |
|  | O                               |  |  |  |  |  |  |  |  |          |
|  | 101                             |  |  |  |  |  |  |  |  |          |
|  | 101<br>102                      |  |  |  |  |  |  |  |  | П        |
|  | 103<br>104<br>105<br>106        |  |  |  |  |  |  |  |  |          |
|  | 104                             |  |  |  |  |  |  |  |  |          |
|  | 105                             |  |  |  |  |  |  |  |  |          |
|  | 106                             |  |  |  |  |  |  |  |  |          |
|  | 107                             |  |  |  |  |  |  |  |  |          |
|  | 108<br>109<br>110               |  |  |  |  |  |  |  |  |          |
|  | 109                             |  |  |  |  |  |  |  |  |          |
|  | 110                             |  |  |  |  | L  |  |  |  |          |
|  | 111                             |  |  |  |  | L  |  |  |  | Ш        |
|  | 111<br>112<br>113               |  |  |  |  | _  |  |  |  | Ш        |
|  | 113                             |  | <u> </u>   |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | _  |  |  | L  | Щ        |
| <u> </u>   | 114                             | _  | <u> </u>   | _  | L  | <u> </u>   |  | <u> </u>   | <u> </u>   | Ш        |
|  | 114<br>115<br>116               | <u> </u>   |  | <u> </u>   |  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | Ш        |
| <u> </u>   | 116                             | <u> </u>   | ļ  | <u> </u>   | Ш        |
|  | 117                             | <u> </u>   |  | <u> </u>   | $\vdash$   | <u> </u>   |  | $\vdash$   | <u> </u>   | Ш        |
|  | 118                             | <u> </u>   | L  | _  |  | <u> </u>   | _  | L.   | ļ  | Щ        |
|  | 119<br>120<br>121               | <u> </u>   | L  |  | _  | <u> </u>   |  | _  | <u> </u>   | Щ        |
|  | 120                             |  | <u> </u>   | <u> </u>   | <u> </u>   | _  | _  | _  | <u> </u>   | Н        |
|  | 121                             | _  | _  | <u> </u>   | <u> </u>   | 1  | _  |  | <u> </u>   | $\vdash$ |
|  | 122                             |  | _  | _  | _  | ļ  | _  |  |  | Щ        |
| ļ  | 122<br>123<br>124               | _  | _  | <u> </u>   | <u> </u>   | -  | <u> </u>   | _  |  | Н        |
|  | 124                             | _  | _  | <u> </u>   | <u> </u>   | <u> </u>   | _  |  | _  | Щ        |
|  | 125<br>126<br>127<br>128<br>129 | <u> </u>   | ┞  | ┞  | <u> </u>   | _  | <u> </u>   | -  | -  | Н        |
|  | 126                             | <u> </u>   | ⊢  | ⊢  | H  | -  | <del> </del> —                                   | <del> </del>                                     | -  | Н        |
| <u> </u>   | 127                             | <u> </u>   | ├-   | <u> </u>   | <u> </u>   | ├  | <u> </u>   | <del> </del>                                     | <u> </u>   | Н        |
| <u> </u>   | 128                             | <u> </u>   | ┝  | ⊢  | -  | ├-   | <del> </del>                                     |  | ├  | $\vdash$ |
| <u> </u>   | 129                             |  | ⊢  | $\vdash$   | -  | <del> </del> —                                   | -  | -  | ┢  | Н        |
| <u> </u>   | 130<br>131                      | ├—   | ⊢  | ┢  | -  | ├  |  | -  | ⊢  | $\vdash$ |
|  | 132                             | -  | ⊢  | -  |  | ├  | -  | ⊢  | ⊢  | Н        |
|  | 132                             | ⊢  | ┢  |  | -  | ├─   | H  | -  | ⊬  | Н        |
|  | 133<br>134                      | ┢  | ╁  | $\vdash$   |  | $\vdash$   | ⊢  | ⊢  | 1  | Н        |
| <del></del>                                      | 135                             | -  | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | -  | ┢  | $\vdash$   | Н        |
|  | 136                             | $\vdash$   | +-   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | Н        |
| <del></del>                                      | 136<br>137                      | $\vdash$   | $\vdash$   | ├  | ├  | ╁  | ┢  |  | +-   | $\vdash$ |
|  | 138                             |  | ╁╾   | ┢  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | +-   | Н        |
| $\vdash$   | 139                             | $\vdash$   | $\vdash$   | ╁  | t -  | H  | t  | H  | $\vdash$   | Н        |
|  | 140                             | 一  | $\vdash$   | t  | $\vdash$   | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | Н        |
|  | 141                             | <del>                                     </del> | t  | $\vdash$   | H  | t  | ╁  | Н  | 1  | Н        |
| <del></del>                                      | 142                             | 1  | T  | T  | $\vdash$   | <del>                                     </del> | 1  | $\vdash$   | $t^-$  | Н        |
| <del>                                     </del> | 143                             | $\vdash$   | T  | T  | <del>                                     </del> | 1  | <del>                                     </del> | 1  | <del>                                     </del> | H        |
| -  | 144                             | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> |  | T  | ┢  | T  |          |
| <b></b>  | 145                             | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | T  | T  | <u> </u>   | t  | $\vdash$ |
|  | 146                             | t  | 1  | T  | t  | ┢  | t  | t  |  | $\vdash$ |
|  | 147                             | <del>                                     </del> | $\vdash$   | $\vdash$   | <u> </u>   |  |  | t  |  | $\vdash$ |
|  | 148                             | 1  | 1  | $\vdash$   | †  | t  |  | t  | T  | $\vdash$ |
| <b>—</b>   | 149                             | $\vdash$   | T  | $\vdash$   | Т  | <del>                                     </del> | †  | H  | t  | $\vdash$ |
| $\vdash$   | 150                             | T  | t  | ✝  | 1  | t  | T  | Н  | <del>                                     </del> | $\vdash$ |
|  | , ,50                           |  | -  |  | Ь  | Ц.   |  |  | ١  |          |